

Title (en)
PROCESS FOR PRODUCING L-AMINOACIDS

Publication
EP 0299028 B1 19921216 (DE)

Application
EP 88901022 A 19880122

Priority
DE 3702384 A 19870123

Abstract (en)
[origin: WO8805468A1] Process for producing L-aminoacids having general formula (I), in which R1 is an alkyl residue with a maximum of 12 carbon atoms if necessary substituted with hydroxy groups, mercapto groups, halogen atoms, amino groups, carbonyl groups or guanidino groups and/or interrupted by oxygen atoms, nitrogen atoms or sulfur atoms, and in the case of the mercapto compounds having the formula (I), also their dithiocompounds. According to this process, the micro-organism *Nocardia spec.* DSM 3306 or its enzymes are allowed to act on a D,L-imidazolidinedione derivate having general formula (II), in which R1 has the meaning described above or in the case of the mercapto compounds, also on their dithiocompounds.

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C12P 13/04

IPC 8 full level
C12P 13/04 (2006.01); **C12R 1/365** (2006.01)

CPC (source: EP US)
C12P 13/04 (2013.01 - EP US); **Y10S 435/872** (2013.01 - EP US)

Citation (examination)
• GB 204531 A 19231004 - DAVID GRIFFITHS, et al
• Chemical Abstracts, vol. 93, No. 5, 4 August 1980, (Columbus, Ohio, US), see page 713, abstract 43950x, & JP, A, 8023994 (AJINOMOTO CO., INC.) 20 February 1980
• Chemical Abstracts, vol. 107, No. 1, July 1987, (Columbus, Ohio, US), see pages 538-539, Abstract 5729g, & JP, A, 6200271 (DAIICHI KAGAKU YAKUHIN K.K.) 6 January 1987

Designated contracting state (EPC)
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